

HKD

✓ **Electric Chain Hoist**

Safe Reliable and Durable

✓ **Crane Geared Motor**

Easy heat dissipation/Low noise/High security

✓ **Crane Wheel**





500kg-5t Hoist with Hook

Dual speeds

Technical Parameters

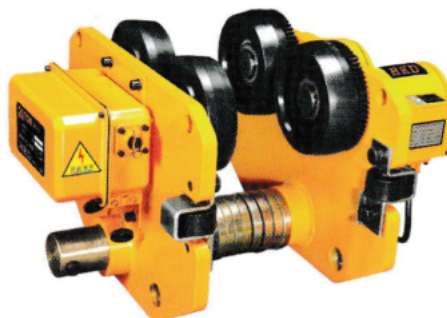
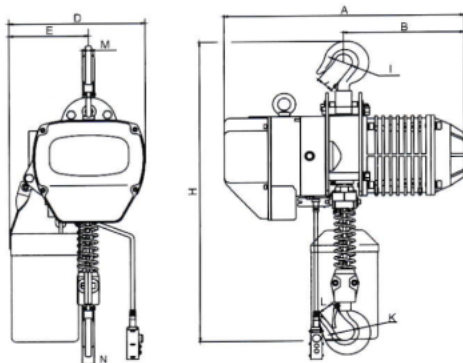
Type	Capacity (Ton)	Standard Lifting Height (m)	Lifting Speed (m/min)	Lifting Motor				
				Power (Kw)	Rotation Speed (r/min)	Phases	Voltage (V)	Frequency (Hz/s)
HKD00501SD	0.5	3	6.9&2.3	0.75&0.25	2880&960	3	415	50
HKD0101SD	1	3	6.9&2.3	1.5&0.5	2880&960	3	415	50
HKD0102SD	1	3	3.3&1.1	0.75&0.25	2880&960	3	415	50
HKD0201SD	2	3	6.9&2.3	3.0&1.0	2880&960	3	415	50
HKD0202SD	2	3	3.3&1.1	1.5&0.5	2880&960	3	415	50
HKD0301SD	3	3	5.4&1.8	3.0&1.0	2880&960	3	415	50
HKD0302SD	3	3	4.5&1.5	3.0&1.0	2880&960	3	415	50
HKD0303SD	3	3	2.3&0.8	1.5&0.5	2880&960	3	415	50
HKD0502SD	5	3	2.7&0.9 or 4.4&1.5	3.0&1.0	2880&960	3	415	50

Remark: Lifting height against customer's requirement.

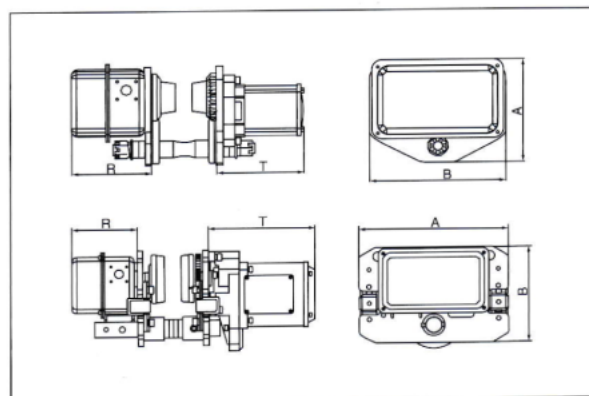
Dual speeds

Size specification

Type	Capacity (Ton)	Unit (mm)											
		H	A	B	D	E	I	J	K	L	M	N	Chain
HKD00501SD	0.5	540	545	260	285	165	φ35	27	φ34	25	17	17	φ6.3
HKD0101SD	1	650	582	280	300	176	φ42	32	φ42	32	24	24	φ7.1
HKD0102SD	1	575	545	260	285	165	φ35	27	φ35	25	24	24	φ6.3
HKD0201SD	2	800	670	320	430	265	φ49	40	φ49	40	28	28	φ10.0
HKD0202SD	2	835	582	280	300	236	φ49	40	φ49	40	28	28	φ7.1
HKD0301SD	3	845	670	320	430	265	φ59	48	φ59	48	34	34	φ11.2
HKD0302SD	3	950	670	320	430	320	φ59	48	φ59	48	34	34	φ10.0
HKD0303SD	3	950	582	280	350	205	φ59	48	φ59	48	34	34	φ7.1
HKD0502SD	5	1030	670	320	430	325	φ60	48	φ60	48	42	42	φ11.2



ELECTRIC TROLLEY



Dual speeds

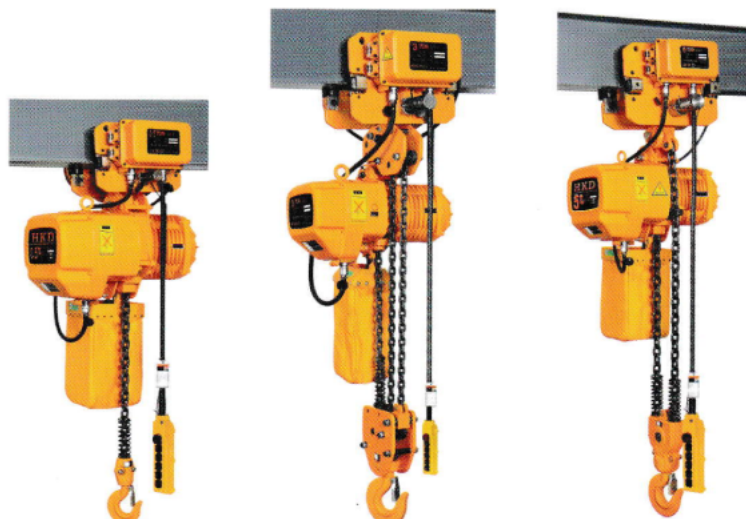
Size specification

Type	Capacity (Ton)	Unit (mm)				Speed 50Hz (m/min)	Motor (kw)	Minimum radius of turn (m)	H-Beam (mm)
		A	B	R	T				
DDPC-0.5SD	0.5	315	212	142	231	20&5	0.4&0.1	0.8	100-300
DDPC-01SD	1	315	212	142	231	20&5	0.4&0.1	0.8	100-300
DDPC-02SD	2	325	220	142	231	20&5	0.4&0.1	0.8	100-300
DDPC-03SD	3	340	250	142	231	20&5	0.75&0.18	1.0	100-300
DDPC-05SD	5	400	291	142	231	20&5	0.75&0.18	1.8	100-300

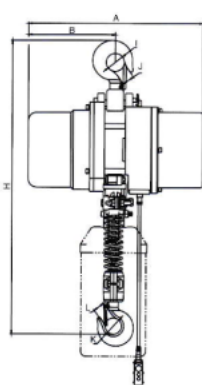
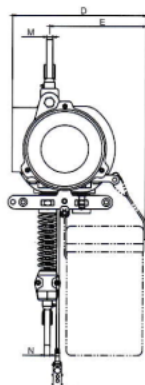
Hoist with Hook



Hoist with Electric Trolley



300kg



● Size specification

Hoist with Hook

Type	Capacity (kg)	Unit (mm)											Chain
		H	A	B	D	E	I	J	K	L	M	N	
HKD00301S	300	600	415	168	290	195	φ34	25	φ34	25	19	19	φ6.3

Hoist with Manual Trolley

Type	Capacity (kg)	Unit (mm)										Chain
		H	A	B	D	E	J	P	K	L	N	
HKDH00301S	300	637	415	168	290	195	91	163	φ34	25	19	φ6.3

Hoist with Electric Trolley

Type	Capacity (kg)	Unit (mm)											Chain	
		H	A	B	D	E	K	L	N	P	J	R		T
HKDM00301S	300	658	415	168	290	195	φ34	25	19	191	99	159	142	φ6.3

● Technical Parameters

Type	Capacity (kg)	Lifting Height (m)	Lifting Speed (m/min)	Lifting motor					Operating motor					H-Beam (mm)	
				Power (Kw)	Rotation Speed (r/min)	Phases	Voltage (V)	Frequency (Hz/s)	Power (Kw)	Rotation Speed (r/min)	Operating Speed (m/min)	Phases	Voltage (V)		Frequency (Hz/s)
HKD00301S	300	3/9	7.1	0.75	1440	3	415	50	\	\	\	\	\	\	\
HKDH00301S	300	3/9	7.1	0.75	1440	3	415	50	\	\	\	\	\	\	160
HKDM00301S	300	3/9	7.1	0.75	1440	3	415	50	0.12	1400	12.2	3	415	50	160



500kg-5t Hoist with Hook

Technical Parameters

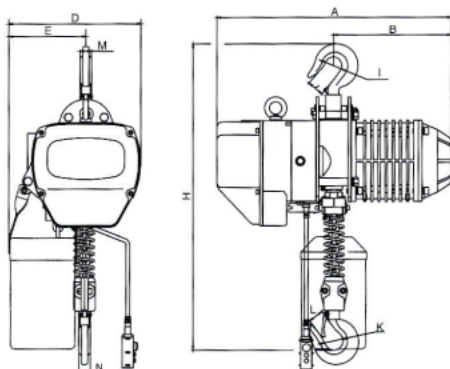
Single speed

Type	Capacity (Ton)	Lifting Height (m)	Lifting Speed (m/min)	Lifting motor				
				Power (Kw)	Rotation Speed (r/min)	Phases	Voltage (V)	Frequency (Hz/s)
HKD00501S	0.5	3/9	6.8	0.75	1440	3	415	50
HKD0101S	1	3/9	6.6	1.5	1440	3	415	50
HKD0102S	1	3/9	3.4	0.75	1440	3	415	50
HKD0201S	2	3/9	6.6	3.0	1440	3	415	50
HKD0202S	2	3/9	3.3	1.5	1440	3	415	50
HKD0301S	3	3/9	5.4	3.0	1440	3	415	50
HKD0302S	3	3/9	4.4	3.0	1440	3	415	50
HKD0303S	3	3/9	2.2	1.5	1440	3	415	50
HKD0502S	5	3/9	2.7 or 4.4	3.0	1440	3	415	50

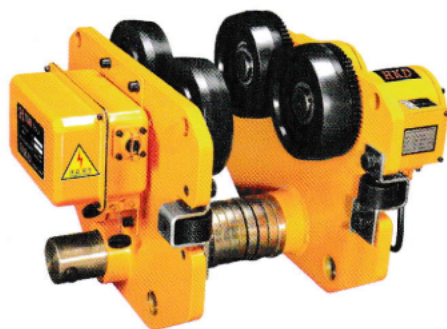
Remark: Lifting height against customer's requirement.

Size specification

Single speed



Type	Capacity (Ton)	Unit (mm)											Chain
		H	A	B	D	E	I	J	K	L	M	N	
HKD00501S	0.5	540	455	240	285	165	φ34	28	φ34	25	19	19	φ6.3
HKD0101S	1	650	520	260	300	176	φ42	32	φ42	32	24	24	φ7.1
HKD0102S	1	575	455	240	285	165	φ34	28	φ34	25	19	19	φ6.3
HKD0201S	2	800	615	295	430	265	φ49	40	φ49	40	30	30	φ10.0
HKD0202S	2	835	520	260	300	236	φ49	40	φ49	40	30	30	φ7.1
HKD0301S	3	845	615	295	430	265	φ59	48	φ59	48	35	35	φ11.2
HKD0302S	3	950	615	295	430	320	φ59	48	φ59	48	35	35	φ10.0
HKD0303S	3	950	520	260	350	205	φ59	48	φ59	48	35	35	φ7.1
HKD0502S	5	1030	615	295	430	325	φ60	48	φ60	48	43	43	φ11.2



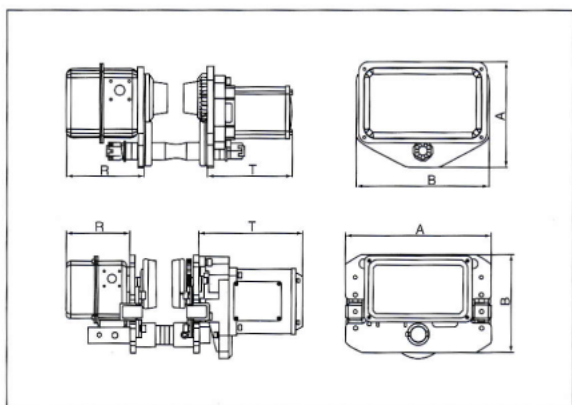
ELECTRIC TROLLEY

Size specification

Single speed

Type	Capacity (Ton)	Unit (mm)				Speed 50Hz (m/min)	Motor (kw)	Minimum radius of turn (m)	H-Beam (mm)
		A	B	R	T				
DDPC-0.5S	0.5	315	212	142	231	14	0.4	0.8	100-300
DDPC-01S	1	315	212	142	231	14	0.4	0.8	100-300
DDPC-02S	2	325	220	142	231	14	0.4	0.8	100-300
DDPC-03S	3	340	250	142	231	14	0.75	1.0	100-300
DDPC-05S	5	400	291	142	231	14	0.75	1.8	100-300

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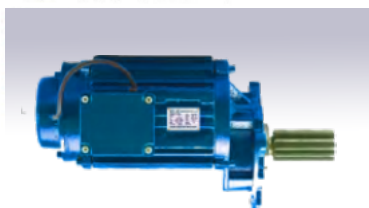


KD-030 SERIES



Weight : 13kg Length : 30cm

KD-050 SERIES



Weight : 25kg Length : 33cm

KD-100 SERIES



Weight : 30kg Length : 35cm

KD-150 SERIES



Weight : 43kg Length : 43cm

KD-150A SERIES



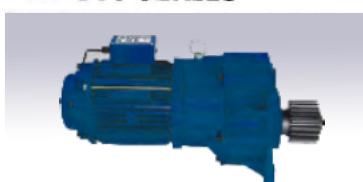
Weight : 31kg Length : 36cm

KD-200 SERIES



Weight : 66kg Length : 51cm

KD-300 SERIES



Weight : 90kg Length : 52cm

KD-500 SERIES



Weight : 96kg Length : 54cm

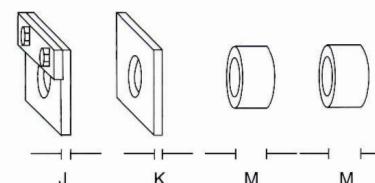
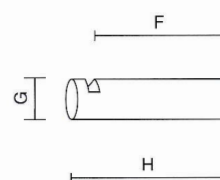
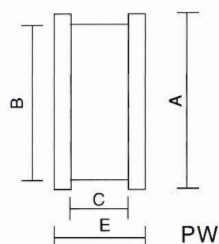
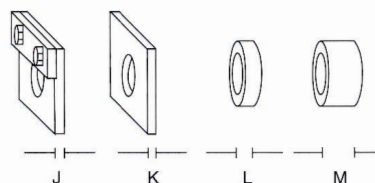
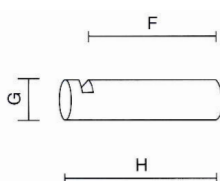
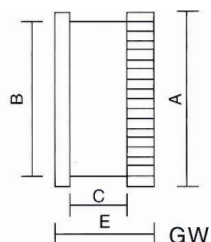
Model	Power	Number of poles	Output Gear Module	Reduction Ratio	Rotation Speed		Voltage
					50Hz	60Hz	
KD-030 No Buffer	0.25KW	4 P	M3 M3.5 M4	10:1	133R/MIN	176R/MIN	415V/50Hz/3P
	0.25KW	6 P			90R/MIN	120R/MIN	
	0.4KW	4 P			133R/MIN	176R/MIN	
KD-050 With Buffer	0.4KW	4P	M3 M3.5 M4	8.5:1	176R/MIN	210R/MIN	415V/50Hz/3P
	0.37KW	6P			112R/MIN	134R/MIN	
KD-100 With Buffer	0.75KW	4 P	M3 M3.5 M4 M5	7.7:1	189R/MIN	228R/MIN	415V/50Hz/3P
	0.6KW	6 P			123R/MIN	148R/MIN	
	0.4/0.13KW	4/12P			189/62R/MIN	228/75R/MIN	
KD-150 With Buffer	1.1KW	4 P	M3.5 M4 M5	13:1	112R/MIN	135R/MIN	415V/50Hz/3P
	0.75KW	6 P			67R/MIN	92R/MIN	
	0.6/0.2KW	4/12P			112/33R/MIN	137/45R/MIN	
KD-150A With Buffer	1.1KW	4 P	M3 M3.5 M4 M5	7.7:1	189R/MIN	228R/MIN	415V/50Hz/3P
	0.75KW	6 P			123R/MIN	148R/MIN	
	0.6/0.2KW	4/12P			189/62R/MIN	228/75R/MIN	
KD-200 With Buffer	1.5KW	4 P	M3.5 M4 M5 M6	16 : 1	92R/MIN	110R/MIN	415V/50Hz/3P
	1.1KW	4 P			92R/MIN	110R/MIN	
	1.1KW	6 P			61R/MIN	73R/MIN	
	0.75/0.25KW	4/12P			92/30R/MIN	110/36R/MIN	
KD-300 With Buffer	2.2KW	4 P	M4 M5 M6	16:1	92R/MIN	110R/MIN	415V/50Hz/3P
	1.5KW	6 P			61R/MIN	73R/MIN	
	1.5/0.5KW	4/12P			92/31R/MIN	110/37R/MIN	
KD-500 With Buffer	3.75KW	4 P	M5 M6 M7	16:1	92R/MIN	110R/MIN	415V/50Hz/3P
	3.75KW	6 P			61R/MIN	73R/MIN	
	2.2KW	6 P			61R/MIN	73R/MIN	
	2.2/0.75KW	4/12P			92/30R/MIN	110/36R/MIN	

Crane Geared Motor Speed Parameters (4 Poles Speed)

Model	Output Module	Voltage : 200V-600V/3Phase/50Hz; Poles : 4P ; Output gear							Reduction Ratio
KD-030	M3	Teeth	12T	14T	15T	16T	17T		Reduction Ratio: 10:1 Output Shaft: 133 Rotate
		Speed	14.1m/min	16.5m/min	17.7m/min	19m/min	20m/min		
	M3.5	Teeth	10T	11T	12T	13T	14T		
		Speed	13.4m/min	15.4m/min	16.9m/min	18.3m/min	19.4m/min		
	M4	Teeth	10T						
		Speed	15m/min						
KD-050	M3	Teeth	12T	13T	14T	15T	16T	17T	Reduction Ratio: 8.5:1 Output Shaft: 176 Rotate
		Speed	18.3m/min	19.8m/min	21.3m/min	22.8m/min	24.4m/min	25.9m/min	
	M3.5	Teeth	10T	11T	12T	13T	14T	15T	
		Speed	16.7m/min	18.5m/min	20.1m/min	21.7m/min	23.5m/min	25.1m/min	
	M4	Teeth	9T	10T	11T	12T	13T		
		Speed	17.3m/min	19.3m/min	21.2m/min	23.1m/min	25m/min		
KD-100 KD-150A	M3	Teeth	13T	14T	15T	16T			Reduction Ratio: 7.7:1 Output Shaft: 189 Rotate
		Speed	19m/min	21m/min	23m/min	24.4m/min			
	M3.5	Teeth	10T	11T	12T	13T	14T	15T	
		Speed	17.9m/min	19.6m/min	21.5m/min	23.8m/min	25.7m/min	27.5m/min	
	M4	Teeth	9T	10T	11T	12T	13T		
		Speed	18.8m/min	21m/min	23m/min	25.1m/min	27.2m/min		
KD-150	M5	Teeth	7T	8T	9T	10T	11T	12T	Reduction Ratio: 13:1 Output Shaft: 112 Rotate
		Speed	18.8m/min	21.5m/min	24.2m/min	26.8m/min	29.5m/min	32.2m/min	
	M3.5	Teeth	15T	16T	18T	20T	22T	24T	
		Speed	16.6m/min	17.7m/min	19.9m/min	22m/min	24.3m/min	26.5m/min	
	M4	Teeth	14T	15T	16T	17T	18T	20T	
		Speed	17.9m/min	19.2m/min	20.5m/min	21.8m/min	23.1m/min	25.5m/min	
KD-200 KD-300	M5	Teeth	12T	13T	14T	15T	16T	17T	Reduction Ratio: 16:1 Output Shaft: 92 Rotate
		Speed	19.7m/min	21.4m/min	23m/min	24.7m/min	26.3m/min	28m/min	
	M3.5	Teeth	19T	21T	23T	25T	27T		
		Speed	17m/min	18.8m/min	20.5m/min	22.3m/min	24.2m/min		
	M4	Teeth	16T	17T	18T	19T	20T	21T	
		Speed	16.5m/min	17.5m/min	18.6m/min	19.6m/min	20.7m/min	21.7m/min	
KD-500	M5	Teeth	13T	14T	15T	16T	17T	18T	Reduction Ratio: 16:1 Output Shaft: 92 Rotate
		Speed	16.7m/min	18m/min	19.3m/min	20.6m/min	21.9m/min	23.2m/min	
	M6	Teeth	11T	12T	13T	14T	15T		
		Speed	17.4m/min	19m/min	20.5m/min	22.2m/min	23.7m/min		
	M7	Teeth	17T	18T	19T	20T	21T	22T	
		Speed	21.9m/min	23.2m/min	24.5m/min	25.8m/min	27.1m/min	28.3m/min	
KD-500	M6	Teeth	14T	15T	16T	17T	18T		Reduction Ratio: 16:1 Output Shaft: 92 Rotate
		Speed	22.2m/min	23.7m/min	25.3m/min	26.9m/min	28.4m/min		
	M7	Teeth	11T	12T	13T	14T	15T	16T	
		Speed	20.6m/min	22.5m/min	24.3m/min	26.2m/min	28.1m/min	30m/min	

Crane Geared Motor Speed Parameters (6 Poles Speed)

Model	Output Module		Voltage : 200V-600V/3Phase/50Hz; Poles : 6P ; Output gear						Reduction Ratio
KD-030	M3	Teeth	12T	14T	15T	16T	17T		Reduction Ratio: 10:1 Output Shaft: 90 Rotate
		Speed	9.5m/min	11m/min	11.8m/min	12.9m/min	13.8m/min		
	M3.5	Teeth	10T	11T	12T	13T	14T		
		Speed	9.5m/min	10.5m/min	11.5m/min	12.4m/min	13.3m/min		
	M4	Teeth	10T						
		Speed	11m/min						
KD-050	M3	Teeth	12T	13T	14T	15T	16T	17T	Reduction Ratio: 8.5:1 Output Shaft: 112 Rotate
		Speed	10.8m/min	11.7m/min	12.6m/min	13.5m/min	14.5m/min	15.4m/min	
	M3.5	Teeth	10T	11T	12T	13T	14T	15T	
		Speed	10.9m/min	12m/min	13.1m/min	14.2m/min	15.3m/min	16.4m/min	
	M4	Teeth	9T	10T	11T	12T	13T		
		Speed	11.3m/min	12.6m/min	13.9m/min	15.1m/min	16.4m/min		
KD-100 KD-150A	M3	Teeth	13T	14T	15T	16T			Reduction Ratio: 7.7:1 Output Shaft: 123 Rotate
		Speed	13m/min	14m/min	15m/min	16m/min			
	M3.5	Teeth	10T	11T	12T	13T	14T	15T	
		Speed	12m/min	13m/min	14.3m/min	15.5m/min	16.7m/min	17.9m/min	
	M4	Teeth	9T	10T	11T	12T	13T		
		Speed	12.3m/min	13.7m/min	15m/min	16.4m/min	17.8m/min		
KD-150	M3.5	Teeth	15T	16T	18T	20T	22T	24T	Reduction Ratio: 13:1 Output Shaft: 67 Rotate
		Speed	9.7m/min	10.4m/min	11.8m/min	13m/min	14.3m/min	15.6m/min	
	M4	Teeth	14T	15T	16T	17T	18T	20T	
		Speed	10.6m/min	11.4m/min	12.1m/min	12.9m/min	13.6m/min	15.1m/min	
	M5	Teeth	12T	13T	14T	15T	16T	17T	
		Speed	11.6m/min	12.5m/min	13.5m/min	14.5m/min	15.4m/min	16.4m/min	
KD-200 KD-300	M3.5	Teeth	19T	21T	23T	25T	27T		Reduction Ratio: 16:1 Output Shaft: 61 Rotate
		Speed	11.2m/min	12.4m/min	13.6m/min	14.8m/min	16m/min		
	M4	Teeth	16T	17T	18T	19T	20T	21T	
		Speed	11m/min	11.7m/min	12.4m/min	13.1m/min	13.7m/min	14.4m/min	
	M5	Teeth	13T	14T	15T	16T	17T	18T	
		Speed	11.3m/min	12.1m/min	13m/min	13.9m/min	14.7m/min	15.6m/min	
KD-500	M5	Teeth	11T	12T	13T	14T	15T		Reduction Ratio: 16:1 Output Shaft: 61 Rotate
		Speed	11.4m/min	12.5m/min	13.5m/min	14.5m/min	15.6m/min		
	M6	Teeth	17T	18T	19T	20T	21T	22T	
		Speed	14.7m/min	15.6m/min	16.3m/min	17.1m/min	18m/min	18.8m/min	
	M7	Teeth	14T	15T	16T	17T	18T		
		Speed	14.5m/min	15.6m/min	16.5m/min	17.6m/min	18.6m/min		
KD-500	M7	Teeth	11T	12T	13T	14T	15T	16T	Reduction Ratio: 16:1 Output Shaft: 61 Rotate
		Speed	13.7m/min	14.9m/min	16.1m/min	17.4m/min	18.6m/min	20m/min	



Crane End Carriage Wheel Specification

Model	Items	Bearing	Gear Teeth	Material	HRC Hardness	Wheel Load (Kgs)	Square Bar (mm)
GW150PW150		6306Z	M3x48T	S45C	50 ± 5	2100	32
GW180PW180		6308Z	M3x58T	S45C	50 ± 5	3200	38
GW198PW198		6308Z	M3x64T	S45C	50 ± 5	4900	38
GW248PW248		6309Z	M4x60T	S45C	50 ± 5	5700	44
GW249PW249		6309Z	M3x81T	S45C	50 ± 5	5700	44
GW280PW280		6310Z	M4x68T	S45C	50 ± 5	8100	44
GW345PW345		6311Z	M5x67T	SC49	45 ± 5	9700	55
GW432PW432		6314Z	M6x70T	SC49	45 ± 5	15000	55
GW546PW546		6316Z	M6x89T	SC49	45 ± 5	19000	63

Dimensions (mm)

Model	A	B	C	E	F	G(φ)	H	J	K	L	Qty (pcs.)	M	Weight (kg)
GW150	150	120	50	90	185	30	200	9	9	5	2	20	37
PW150				75							2		
GW180	180	150	60	100	185	40	200	9	9	5	2	20	57
PW180				85							2		
GW198	198	170	60	105	185	40	200	9	9	5	2	20	72
PW198				90							2		
GW248	248	220	70	115	275	45	290	13	13	10	2	25	136
PW248				100							2		
GW249	249	220	70	115	275	45	290	13	13	10	2	25	136
GW249				100							2		
GW280	280	250	70	115	275	50	290	13	13	10	2	25	175
PW280				100							2		
GW345	345	300	75	140	285	55	300	13	13	10	2	40	319
PW345				110							2		
GW432	432	400	80	145	285	70	300	13	13	10	2	40	542
PW432				120							2		
GW546	546	500	80	150	285	80	300	13	13	10	2	40	872
PW546				120							2		